

Rohan Rajan

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EDUCATION

NIT TRICHY

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

Expected May 2020 | Trichy, India
Cum. GPA: 7.76/10

LINKS

Github:// [rohanr12](#)
LinkedIn:// [rohanr12](#)
Medium:// [@rohan.r](#)

COURSE WORK

UNDERGRADUATE

Discrete Mathematics
Data Structures and Algorithms
Combinatorics and Graph Theory
Design of Parallel Algorithms
Computer Architecture
Operating Systems
Probability Theory
Database Management Systems
Networks and Protocols
Principles of Cryptography

SKILLS

PROGRAMMING

Javascript • C/C++ • Python
• HTML/CSS • Go

FRAMEWORKS

NodeJS/Express • Django • jQuery
• ReactJS • Flask • MySQL
• MongoDB • CouchDB

TOOLS

Git • Vim • VS Code • Docker

SOCIETIES/CLUBS

Toastmasters NIT Trichy
TEDxNITTrichy
Pragyan Content Team

INTERNSHIP EXPERIENCE

IBM INDIA SOFTWARE LABS

May 2019 - July 2019 | Bangalore

- Worked with the IBM TradeLens team, a shipping industry digitization platform taken up as an R&D initiative between IBM and Maersk.
- Developed a utility that enabled shipping plan and replan optimisation using machine learning that resulted in a 30 % decrease in shipping delays.
- Technologies used were Scikit-Learn, Flask, CouchDB, Docker and IBM serverless Cloud Functions for deployment.

NETRIX LLC

May 2018 - June 2018 | Kochi

- Worked with the core API team to design and develop solutions for clients.
- Wrote APIs in NodeJS/Express to power mobile apps designed by the firm's app development team.

PROJECTS

VISCOIN

- Developed a novel application during Pragyan Hackathon 2019, which encouraged good road behavior from motorists.
- Application analyses imagery data input using computer vision models to detect for driver drowsiness. Processed results were pushed into a blockchain powered incentivisation system.
- Technologies used were OpenCV, Solidity and Web3.

STUPAY

- Developed an android application which emulates a digital wallet and transactions in virtual currency while also including integrations with SDKs such as Google Pay and RazorPay.
- Currency, wallet and transactions were powered by a NodeJS/MySQL backend .

AWARDS AND RECOGNITIONS

2019	Top 5 teams	Pragyan Hackathon 2019
2016	Best Score in School	AISSCE 2016 Mathematics
2016	F1 in Schools National Finals	Runners Up, two category awards